

(19) World Intellectual Property Organization
International Bureau



24 SEP 2004



(43) International Publication Date
2 October 2003 (02.10.2003)

PCT

(10) International Publication Number
WO 03/081011 A1

(51) International Patent Classification⁷: F02G 1/043

(21) International Application Number: PCT/AU03/00380

(22) International Filing Date: 27 March 2003 (27.03.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
PS 1382 27 March 2002 (27.03.2002) AU

(71) Applicant and

(72) Inventor: LEWELLIN, Richard, Laurance [AU/AU]; 4
Gerards Way, Tyabb, VIC 3913 (AU).

(74) Agents: DREW, David, Charles et al.; Patent Attorney
Services, 26 Ellingworth Parade, Box Hill, VIC 3128 (AU).

(81) Designated States (national): AE, AG, AL, AM, AT, AU,
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,

CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW,
MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD,
SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US,
UZ, VC, VN, YU, ZA, ZM, ZW.

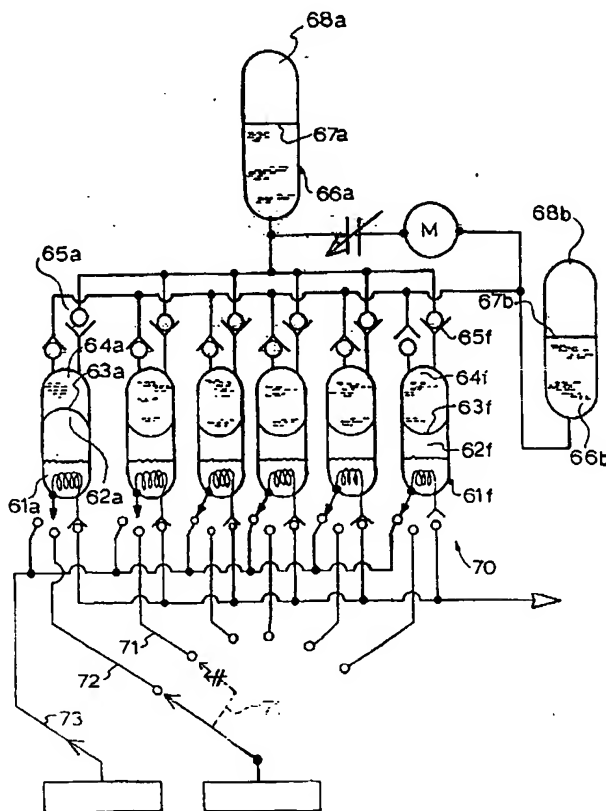
(84) Designated States (regional): ARIPO patent (GH, GM,
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),
Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,
ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO,
SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM,
GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declarations under Rule 4.17:

- as to the applicant's entitlement to claim the priority of the
earlier application (Rule 4.17(iii)) for all designations
- of inventorship (Rule 4.17(iv)) for US only

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(54) Title: ENGINE FOR CONVERTING THERMAL ENERGY TO STORED ENERGY



(57) Abstract: The engine for converting thermal energy to stored fluid energy includes expansion cylinders (61a-f) with expansion chambers (62a-f) and flexible membranes (63a-f). Heating and cooling of working fluid inside the cylinders (61a-f) is carried out by fluid supply lines (73, 71) communicating with external heat resources and sinks. Pressure accumulator (66a) is adapted to store a pressurised fluid (64a-f), such as hydraulic oil, from the individual cylinders (61a-f). In use, this pressurised fluid is delivered at an elevated and above a minimum threshold pressure level, irrespective of the irregularities of the movement of the expansion cylinders (61a-f).

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